

JUL 12 2004

**OFFICIAL****PATENT****IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Application No.: 09/359,648  
Filing Date: July 26, 1999  
Applicant: Kirk K. CHANG et al.  
Group Art Unit: 2684  
Examiner: Cumming, William D.  
Title: MAXIMUM LIKELIHOOD AND BAYESIAN  
ESTIMATION FOR CDMA MOBILE UNIT LOCATION  
Attorney Docket: 29250-000253/US

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**MAIL STOP AF**  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

July 12, 2004 (Monday)

**SECOND AMENDMENT AFTER FINAL**

Sir:

In response to the Office Action mailed March 12, 2004, the date for response having been extended one (1) month to July 12, 2004, the following remarks are respectfully submitted in connection with the above-identified application.

**Current Listing of Pending Claims begin on page 2 of this Amendment.**

**Remarks begin on page 13 of this Amendment.**

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HARNESS, DICKEY & PIERCE, P.L.C.

JUL 12 2004

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DATE: 7-12-04	NO. OF PAGES (INCLUDING THIS PAGE): 19
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FROM: John A. Castellano, Reg No 35,094
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COMMENTS: Submitted for Filing in US Appl. No. 09/359,648 filed 7/26/1999 Chang et al. Transmittal Fee Transmittal (in triplicate) Second Rule 116 Amendment
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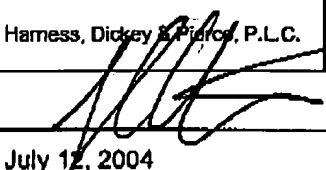
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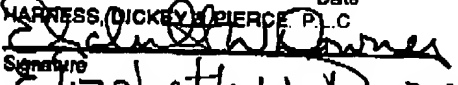
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<b>TRANSMITTAL FORM</b> <i>(to be used for all correspondence after initial filing)</i>	Application Number	09/359,648	
	Filing Date	July 26, 1999	
	Inventor(s)	Kirk K. CHANG et al.	
	Group Art Unit	2684	
	Examiner Name	Cumming, William D.	
		Attorney Docket Number	29250-000253/US

ENCLOSURES (check all that apply)		
<input type="checkbox"/> Fee Transmittal Form  <input type="checkbox"/> Fee Attached  <input checked="" type="checkbox"/> Second Amendment <input checked="" type="checkbox"/> After Final  <input type="checkbox"/> Affidavits/declaration(s)  <input type="checkbox"/> Extension of Time Request  <input type="checkbox"/> Express Abandonment Request  <input type="checkbox"/> Information Disclosure Statement  <input type="checkbox"/> Certified Copy of Priority Document(s)  <input type="checkbox"/> Response to Missing Parts/Incomplete Application  <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application)  <input type="checkbox"/> Letter to the Official Draftsperson and _____ Sheets of Formal Drawing(s)  <input type="checkbox"/> Licensing-related Papers  <input type="checkbox"/> Petition  <input type="checkbox"/> Petition to Convert to a Provisional Application  <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address  <input type="checkbox"/> Terminal Disclaimer  <input type="checkbox"/> Request for Refund  <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group  <input type="checkbox"/> LETTER SUBMITTING APPEAL BRIEF AND APPEAL BRIEF (w/clean version of pending claims)  <input type="checkbox"/> Appeal Communication to Group (Notice of Appeal, Brief, Reply Brief)  <input type="checkbox"/> Proprietary Information  <input type="checkbox"/> Status Letter  <input type="checkbox"/> Other Enclosure(s) (please identify below):
Remarks <b>MAIL STOP AF</b>		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm or Individual name	Harness, Dickey & Pierce, P.L.C.	Attorney Name	John A. Castellano
Signature			
Date	July 12, 2004		

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**FEE TRANSMITTAL  
for FY 2004**

Effective 10/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27**TOTAL AMOUNT OF PAYMENT (\$)** 110**Complete if Known**

Application Number	09/359,648
Filing Date	July 28, 1999
First Named Inventor	Kirk K. CHANG et al.
Examiner Name	Cumming, William D.
Art Unit	2684
Attorney Docket No.	29260-000253/US

**METHOD OF PAYMENT (check off that apply)**
☐ Check ☐ Credit card ☐ Money ☐ Other ☐ None  
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**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1001	770	2001	385	Utility filing fee	
1002	340	2002	170	Design filing fee	
1003	530	2003	265	Plant filing fee	
1004	770	2004	385	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	

**SUBTOTAL (1)**

(\$0)

**2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE**

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1201	20	2201	10	Claims in excess of 20	
1202	40	2202	20	Independent claims in excess of 3	
1203	145	2203	72.5	Multiple dependent claim, if not paid	
1204	43	2204	21.5	Reissue independent claims over original patent	
1205	43	2205	21.5	Reissue claims in excess of 20 and over original patent	

**SUBTOTAL (2)**

(\$0)

**SUBMITTED BY**

Name (Print/Type)

John A. Castles

Signature

Registration No.  
(Attorney/Agent)

35,094

Telephone

703/668-8000

Date

July 12, 2004

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